



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

About one-third of the volume is devoted to a discussion by Dr. E. WIRTH of the ecological aspects of the vegetation, and this is illustrated by unusually fine figures and 10 plates (half-tones and photogravures), showing the formations and some individual plants. The annual course of vegetation on Kerguelen is also treated at some length.—C. R. B.

**Errera Botanical Institute.**—There has come to hand the second volume of papers from this institute, two volumes of which, published earlier, were noticed in this journal recently.<sup>5</sup> This volume<sup>6</sup> contains several papers on nitrates and ammoniacal salts, especially in relation to yeasts and other fungi and to root-tubercles, by LAURENT and by MARCHAL; some brief notes on microscopical and bacteriological technique by ERRERA and DE WEVRE; a considerable number of papers on the occurrence, localization, and significance of alkaloids in plants by ERRERA, CLAUTRIAU, MAISTRIAU, MOLLE, DE WEVRE, DE WILDEMAN and DE DROOG; several papers on proteids by ERRERA, MARCHAL, CLAUTRIAU, and DE WEVRE. All these papers have been published before, dating from 1881 to 1904, but mostly between 1888 and 1895. The volume closes with an annotated bibliography (41 pages) on alkaloids, glucosides, and tannins, etc., brought together by ERRERA and not previously published.—C. R. B.

**British vascular plants.**—Messrs. JAMES BRITTEN and A. B. RENDLE have compiled a list of British seed-plants and ferns<sup>7</sup> in accordance with the international rules of nomenclature adopted by the Vienna Congress. The list is most timely and will prove a great convenience to students of the British flora. The British systematists are now in a condition of most enviable uniformity as to nomenclature, evidently having taken part in the Vienna Congress in the expectation of abiding by its decisions, and giving up, for the sake of harmony, even so cherished a custom as using the specific name first employed in the genus accepted. If our own flora were not so extensive, and if our own systematists were content to waive individual opinions that did not happen to be accepted by the Congress, such a working-list might be prepared for this country.—J. M. C.

## NOTES FOR STUDENTS

**Items of taxonomic interest.**—L. M. UNDERWOOD (Bull. Torr. Bot. Club 33: 591-605. 1906) has revised the American species of *Stenochlaena*, 12 being recognized and 3 new ones described.—W. H. BLANCHARD (*Torreya* 7: 7, 8. 1907) has described a new *Rubus* (blackberry) from Mass. and R. I.—A. W. EVANS (*Bryologist* 10: 24-30. 1907) discusses and approves the reasons assigned by

<sup>5</sup> BOT. GAZETTE 43: 215. 1907.

<sup>6</sup> Recueil de l'Institut Botanique (Université de Bruxelles) publié par L. ERRERA. Tome II. Imp. 8vo. pp. xii+415. *pls.* 4. *figs.* 3. Bruxelles: Henri Lamertin. 1906. *fr.* 20.

<sup>7</sup> List of British seed-plants and ferns. Department of Botany, British Museum (Natural History). pp. 40. Published by the Trustees of the British Museum. 4d.